

REMARKS

A Substitute Specification was required because the arrangement of the papers made it difficult to copy. This requirement was discussed with the Examiner. He stated that the Substitute Specification should be the originally filed application with the corrected spelling. All of the other material which was submitted under the PCT amendments should be deleted. Accordingly, the Substitute Specification in clean version (without markings) and a marked-up specification are enclosed herewith. In the marked-up version, deleted material is shown by strike-through and added material is shown by underlining. The clean version of the specification contains no new matter.

Claims 22-32 were rejected under 35 U.S.C. §112 first paragraph as containing subject matter which was not described in the specification. More specifically, controlling the slope of the aleatory sequence by a periodic sequence was stated as not being described in the specification at the time of filing.

It is submitted that the originally filed specification as published in US 2006/0201312 A1, page 6, paragraph [0053], lines 7-9 (WO 2004/86353, page 15, lines 28-30) states:

... the output sequence "follows" the input sequence maintaining an inclination limited according to the value RATE

This is shown in FIG. 19. This clearly relates to the concept of "slope" and was described in the specification.

To avoid any misunderstanding of the relationship of the claims to the specification, independent claims 22 and 28 have been amended herein to delete "slope" and substitute therefor "inclination".

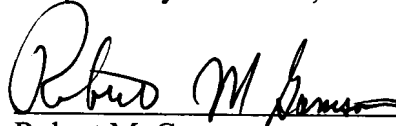
The Office Action further rejected claims 28-32 under 35 U.S.C. §112, second paragraph as being indefinite because it is unclear what is meant by "slope" of an aleatory sequence. Thus paragraph [0053] of US 2006/0201312 A1 clarifies the meaning of the "slope" of an aleatory sequence.

It is submitted that all of the claimed subject matter was described in the specification. The independent claims have been amended to more exactly relate the claims to the original specification. Also, the meaning of "slope" of the aleatory sequence has been clarified.

Accordingly, lifting of the rejection of claims 22 and 28 and all claims dependent therefrom, and allowance of claims 22-32 is respectfully requested.

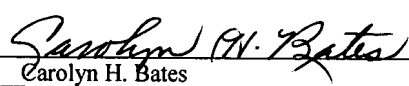
Aug 21, 2007
Date

Respectfully submitted,



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<p>CERTIFICATE OF TRANSMITTAL</p> <p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p>Date: August 21, 2007 Express Mail No. EB183384431US</p> <p>By:  Carolyn H. Bates</p>
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